

FMW51BC1

External Battery Charger

User's Guide

PenCentra 130 / Stylistic LT

The FMW51BC1 external battery charger allows you to charge up to two battery packs simultaneously.

Caution

UL Notice: FMW51BC1 External Battery Charger

PenCentra 130 Users: Use this battery charger with the CP021031 (FMW51BP1) battery pack only.

Stylistic LT Users: Use this battery charger with the 3-cell battery pack CA54200-0502 (FMW29BP2) or 6-cell battery pack CA54200-0506 (FMW29BP1) only.

Using the Battery Charger

To charge your battery pack(s) in the external battery charger:

1. Connect an FPSI DC power source such as AC adapter FMWAC4A, FMWAC4B, FMWAC4C or auto adapter FMWCB2 to the DC input on the battery charger. The Power status indicator on the charger turns on indicating that power is supplied to the charger.

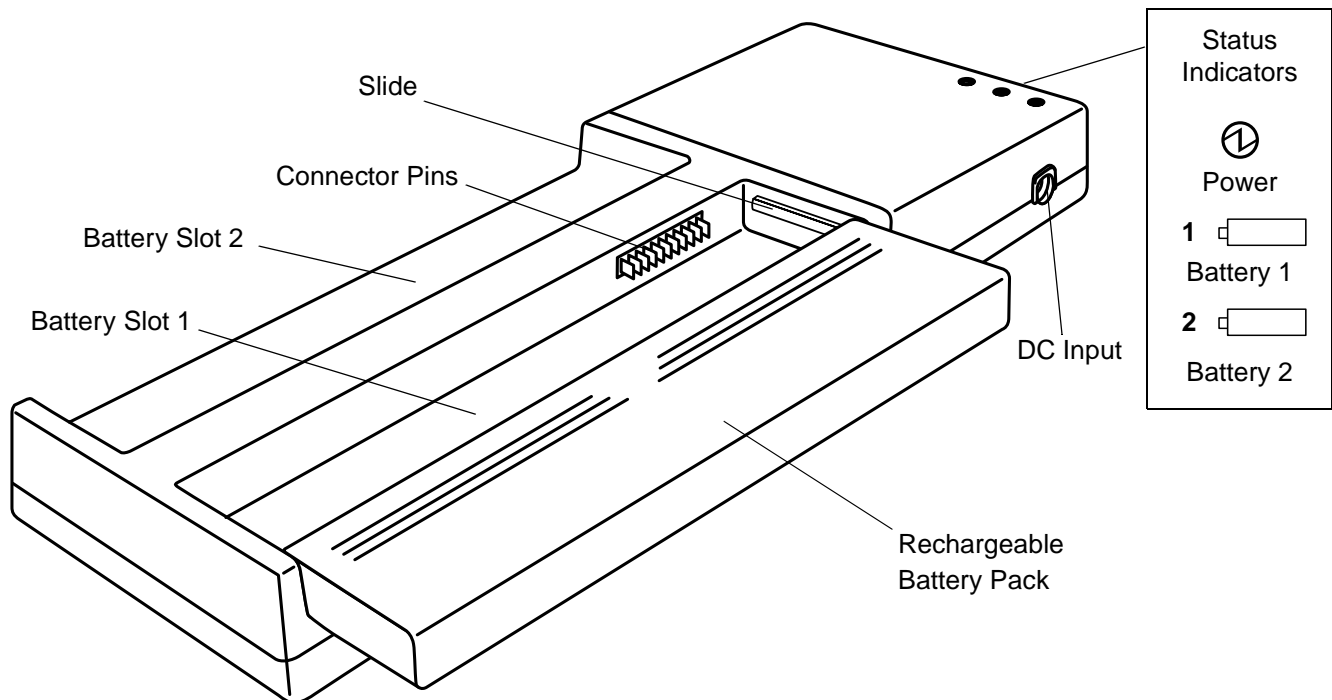
2. Insert the battery pack into one of the slots in the battery charger as shown in the following figure until the battery pack is firmly seated in the charger.
3. There are two status indicators on the battery charger, one for each slot. The status indicators change colors to represent different battery conditions, as noted in Table 1.

Table 1: Status Indicator States

Indicator	Condition	Status	
Power	OFF	AC Adapter not connected	
	Green/ON	AC Adapter connected	
Battery 1/ Battery 2	OFF	No battery installed	
	Green/ON	Charge complete	
	Amber	ON	Charging
		Blink ¹	Standby (Waiting to charge)
Red	ON ²	Battery pack alarm	
	Blink ^{1,2}	Battery charger alarm	

¹ Blinks at rate of one second on, one second off.

² If the battery charger indicates a fault condition with the battery pack, remove the battery pack, disconnect power to the charger, and contact your local help desk or your reseller for further assistance.



- When the charged battery pack is needed, remove the battery pack from the charger.

When the battery charger is not in use, disconnect the DC power source.

Operational Considerations

Issues to consider when you use the FMW51BC1 battery charger are discussed as follows:

- You can insert up to two battery packs at a time in the battery charger. When charging two battery packs, you can insert or remove either battery pack independently.
- The battery charger only charges one battery pack at a time. When two battery packs are inserted in the charger, the battery pack installed first is charged first.
- The battery charger will indicate a full charge level and will not begin charging the battery pack if the battery pack charge level is 90% or higher when the battery pack is **initially inserted** in the charger. This prevents the battery pack from being overcharged.
- When you remove the battery pack from your pen tablet, always insert a charged battery pack in the pen tablet to replace the one that you removed, or apply DC power.
- The FMW51BP1, FMW29BP1, and FMW29BP2 battery packs use lithium ion battery cells which have no “memory effect.” You do not need to discharge or “condition” the battery pack before charging.

Battery Pack Charge Time

The approximate maximum amount of time needed to charge a fully discharged battery pack to the 90% level is shown in the following table. Note that when two battery packs are installed in the charger, they are charged sequentially (starting with the battery pack that is installed first).

Battery Pack		Approximate Charge Time
3-cell	FMW51BP1	<2 hours
	FMW29BP2	<2 hours
6-cell	FMW29BP1	<3.5 hours

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Fujitsu Personal Systems, Inc., could void the user's authority to operate the equipment.